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FOR EXAMINER KUSHAN

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11/13/88
B. White
12/13/88
L.C. Mitchell
875.0405

In re application of DONALD S. ANSON ET AL. Attorney Docket: 604-8
Serial Number: 06/839,215 Group Art Unit: 183
Filed: March 13, 1986 Examiner: J. Kushan
For: FACTOR IX PROTEIN

The Commissioner of Patents
Washington DC 20231

Dear Sir,

AMENDMENT

Please amend this application as follows:

In the claims

Please cancel claims 1 - 4.

Please add the following new claims:

--17. Biologically active recombinant DNA-derived factor IX protein which (1) has an amino acid sequence of human factor IX protein or of a protein sufficiently similar thereto to make it acceptable for infusion into human patients suffering from factor IX deficiency, (2) is free from contamination by poxviruses and by plasma constituents, and (3) has a specific activity defined as the ratio:

Concentration of test sample required to clot a given volume of factor IX-deficient plasma in a given time by the kaolin-cephalin method

Concentration of factor IX protein in the test sample as determined by ELISA

of at least 90% of that of average normal human plasma.--

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